

## F2BC 30M-CPSS-DFH

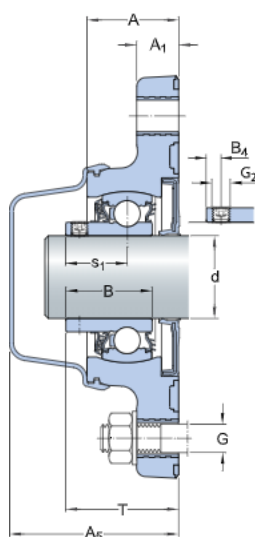
## Oval flanged ball bearing units



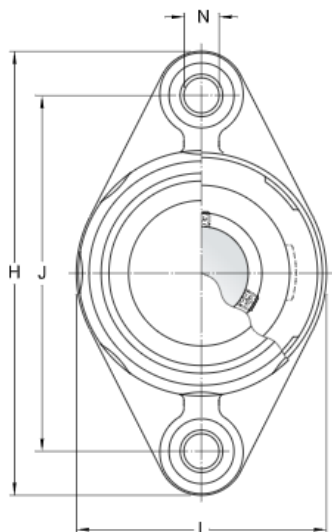
## Technical specification

Compliance with standard	Not standardized
Purpose specific	For food and beverage applications
Housing material	Composite for the SKF Food Line
Sealing solution	Gutter seals and back seal

## DIMENSIONS



d	30 mm
A	33 mm
A <sub>1</sub>	15 mm
A <sub>5</sub>	61.1 mm
B	31.2 mm
B <sub>4</sub>	5 mm
H	146 mm
J	117 mm
L	82 mm
N	11.5 mm
s <sub>1</sub>	22.2 mm
T	40.7 mm



## CALCULATION DATA

Basic dynamic load rating	C	16.3 kN
Basic static load rating	C <sub>0</sub>	11.2 kN
Fatigue load limit	P <sub>u</sub>	0.475 kN
Limiting speed		700 r/min
with shaft tolerance h6		

## MASS

Mass bearing unit	0.46 kg
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## MOUNTING INFORMATION

Set screw	G <sub>2</sub>	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m
Recommended diameter for attachment bolts, mm	G	10 mm
Recommended diameter for attachment bolts, inch	G	0.375 in

## INCLUDED PRODUCTS

Housing	F2BC 506
Bearing	YAS 206-2LP1W/SS

End cover

ECB 506

Back seal

ECS 506-30M

## More information

## Product details

[Flanged units to ISO standards](#)[Flanged units to North American standards](#)[Flanged units to Japanese Industrial Standards \(JIS\)](#)[Flanged units, not standardized \(SKF Food Line\)](#)[Ball bearing unit data](#)[Loads](#)[Temperature limits](#)[Permissible speed](#)[Lubrication](#)[Mounting and dismounting](#)[Designation system](#)

## Engineering information

[Principles of ball bearing units selection and application - Download catalogue \(4.9 MB\)](#)[Principles of selecting mounted bearing solutions](#)[Bearing failure and how to prevent it](#)

## Tools

[Bearing Select](#)[Engineering Calculator](#)[Rolling bearings mounting and dismounting instructions](#)

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